

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
 Data File : VY012318.D
 Acq On : 23 Jan 2023 16:58
 Operator : KP/MD
 Sample : 01251-05
 Misc : 4.70g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-1

Quant Time: Jan 24 01:29:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

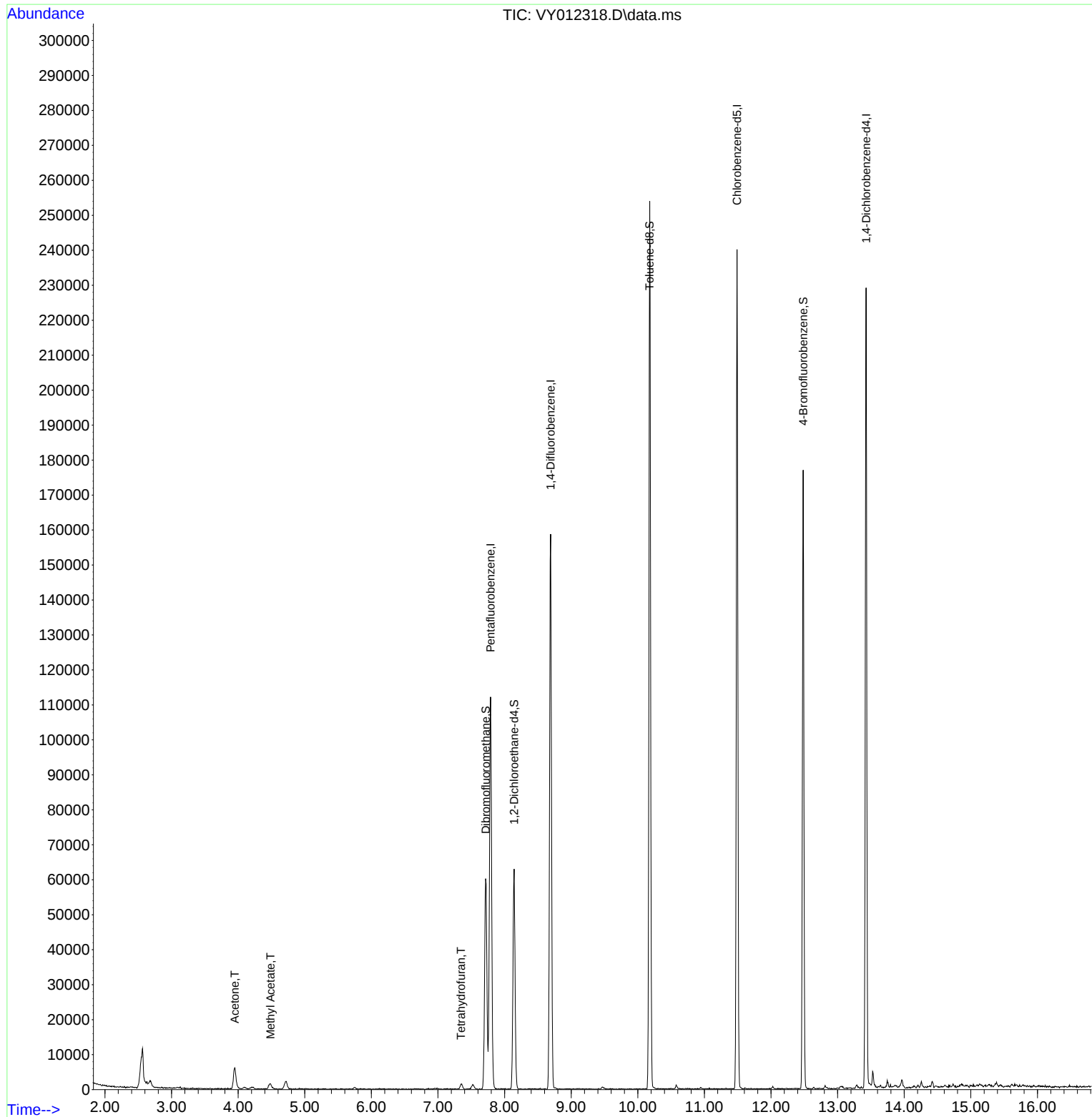
Internal Standards						
1) Pentafluorobenzene	7.789	168	88148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	142686	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	131828	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60904	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	52187	73.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	146.500%
35) Dibromofluoromethane	7.716	113	41529	54.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.940%
50) Toluene-d8	10.179	98	168578	65.764	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.520%
62) 4-Bromofluorobenzene	12.483	95	51737	48.577	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.160%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	10863	44.257	ug/l	99
18) Methyl Acetate	4.485	43	2953	5.377	ug/l #	83
29) Tetrahydrofuran	7.344	42	1105	7.424	ug/l #	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012323\
Data File : VY012318.D
Acq On : 23 Jan 2023 16:58
Operator : KP/MD
Sample : 01251-05
Misc : 4.70g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-1

Quant Time: Jan 24 01:29:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

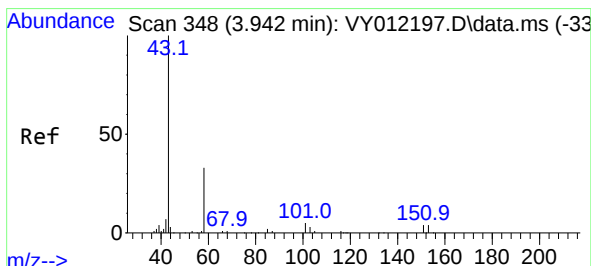
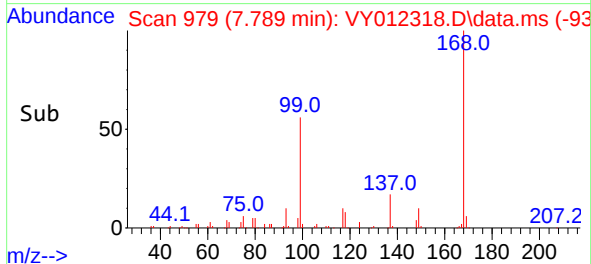
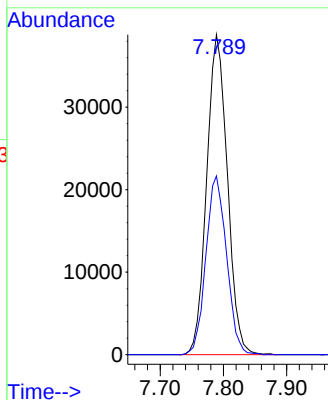
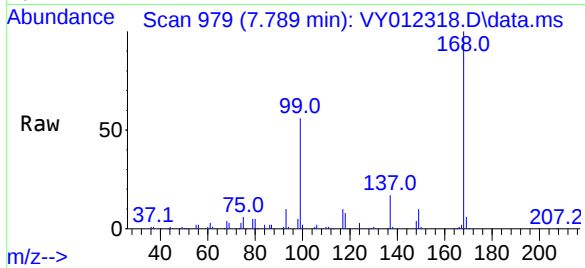




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012318.D
Acq: 23 Jan 2023 16:58

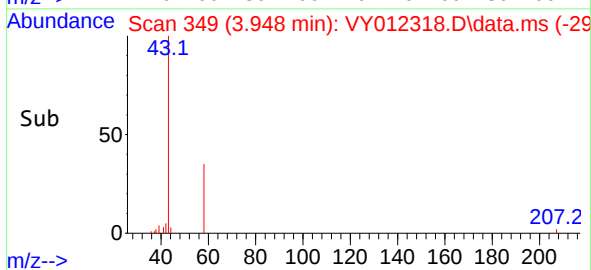
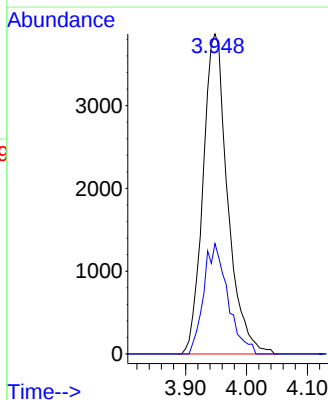
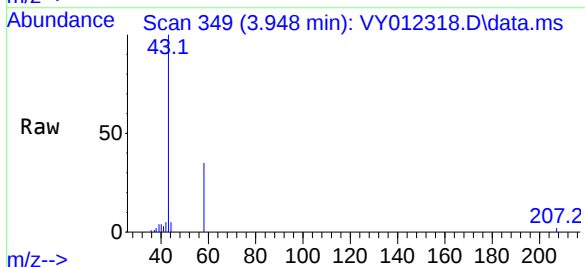
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-1

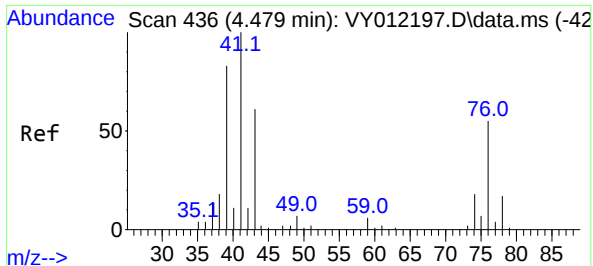
Tgt Ion:168 Resp: 88148
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#16
Acetone
Concen: 44.257 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012318.D
Acq: 23 Jan 2023 16:58

Tgt Ion: 43 Resp: 10863
Ion Ratio Lower Upper
43 100
58 34.5 27.9 41.9





#18

Methyl Acetate

Concen: 5.377 ug/l

RT: 4.485 min Scan# 41

Delta R.T. 0.012 min

Lab File: VY012318.D

Acq: 23 Jan 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

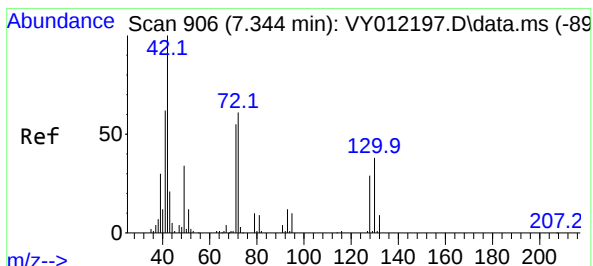
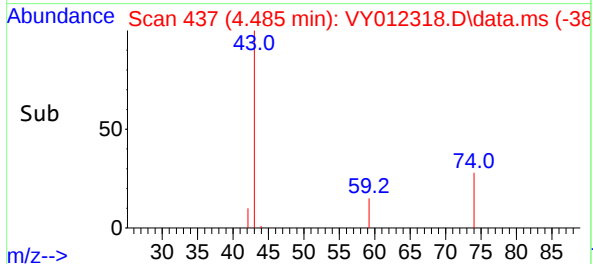
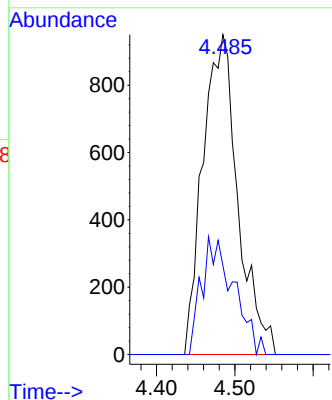
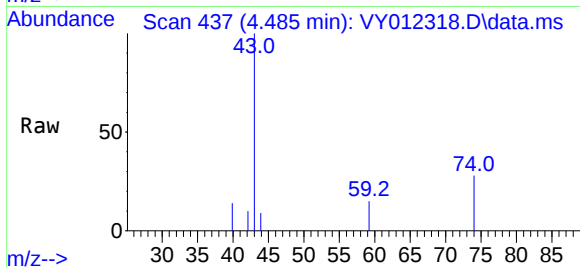
TOT-VOC-1

Tgt Ion: 43 Resp: 2953

Ion Ratio Lower Upper

43 100

74 33.6 20.1 30.1#



#29

Tetrahydrofuran

Concen: 7.424 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012318.D

Acq: 23 Jan 2023 16:58

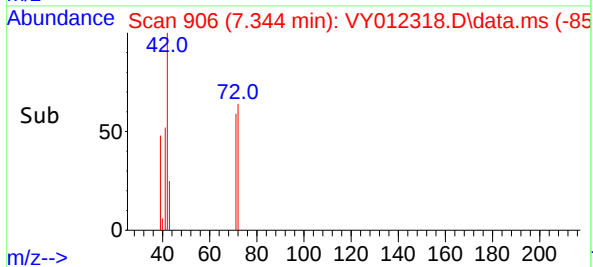
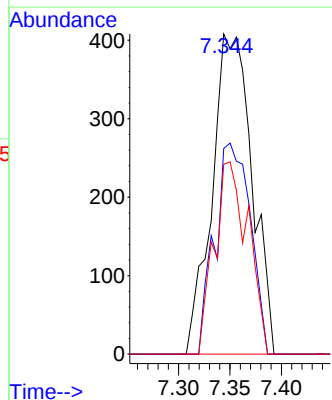
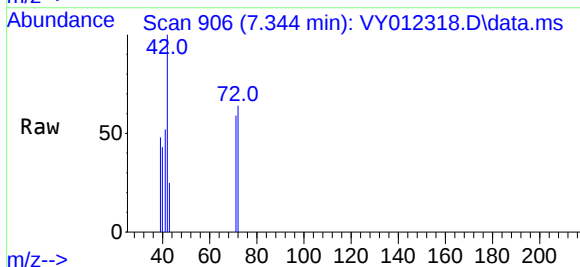
Tgt Ion: 42 Resp: 1105

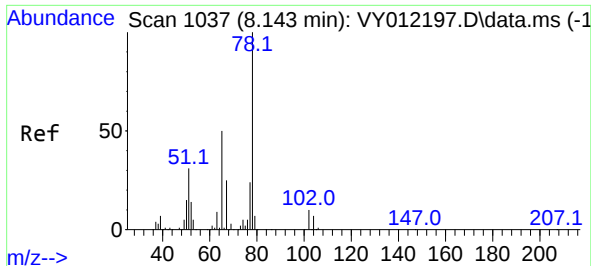
Ion Ratio Lower Upper

42 100

72 58.4 37.0 55.6#

71 50.8 34.9 52.3





#33

1,2-Dichloroethane-d4

Concen: 73.254 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY012318.D

Acq: 23 Jan 2023 16:58

Instrument :

MSVOA_Y

ClientSampleId :

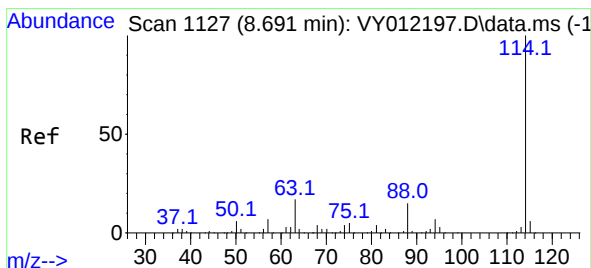
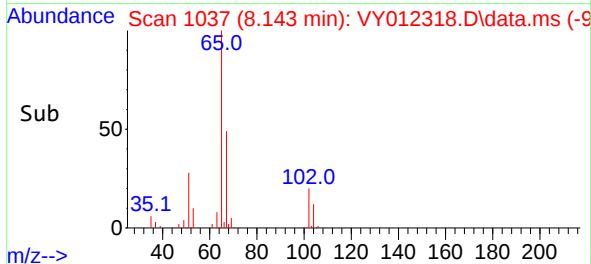
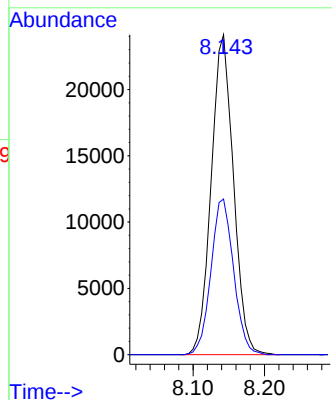
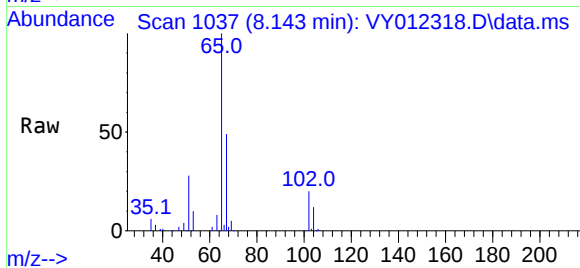
TOT-VOC-1

Tgt Ion: 65 Resp: 52187

Ion Ratio Lower Upper

65 100

67 49.5 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012318.D

Acq: 23 Jan 2023 16:58

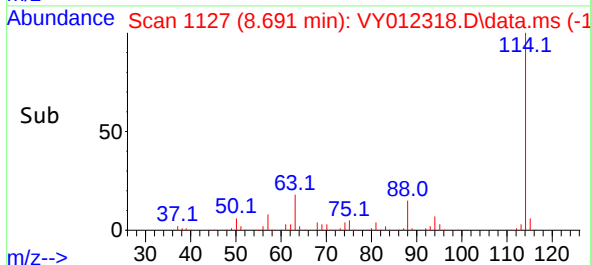
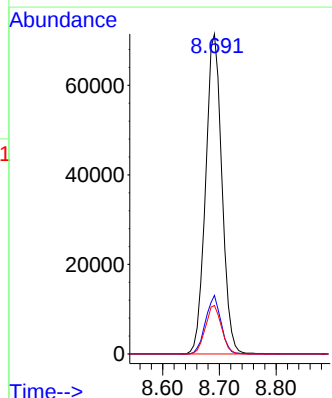
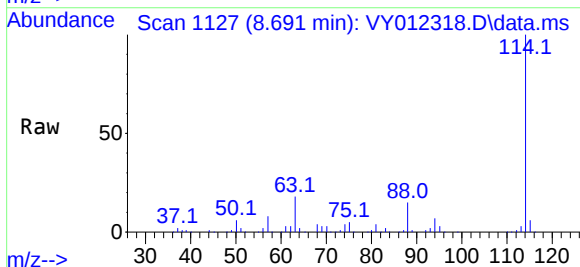
Tgt Ion: 114 Resp: 142686

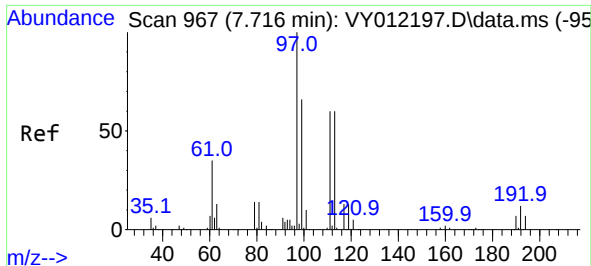
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.6

88 15.1 0.0 32.2



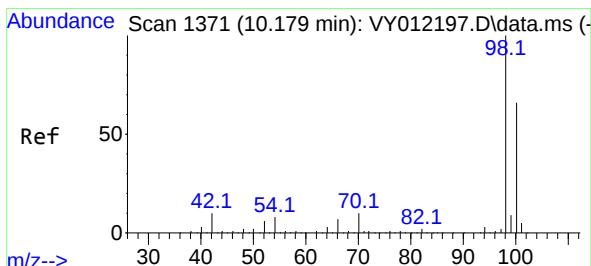
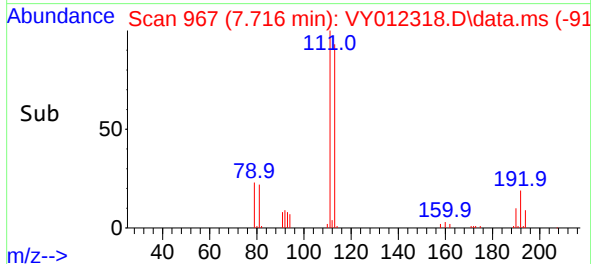
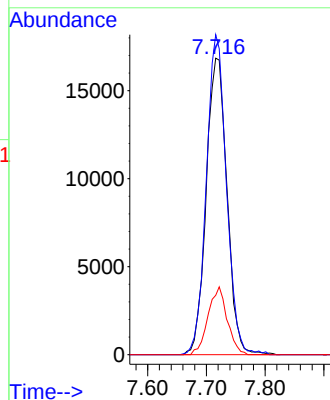
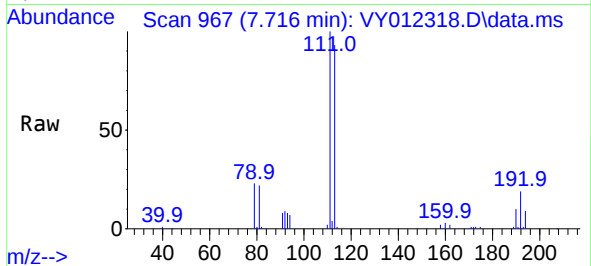


#35
Dibromofluoromethane
Concen: 54.967 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY012318.D
Acq: 23 Jan 2023 16:58

Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-1

Tgt Ion:113 Resp: 41529

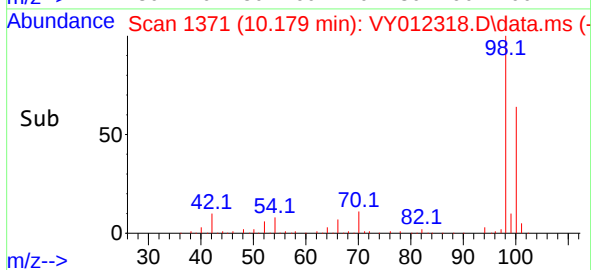
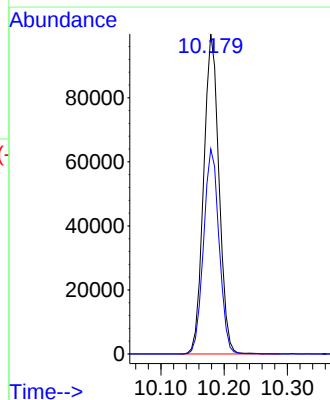
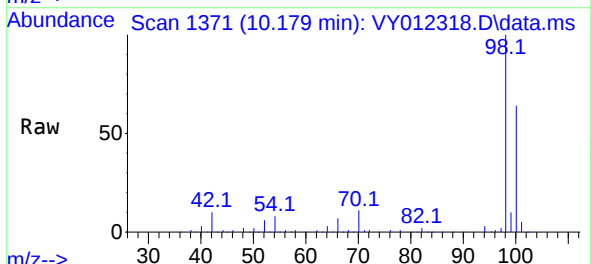
Ion	Ratio	Lower	Upper
113	100		
111	104.1	83.0	124.4
192	21.0	16.0	24.0

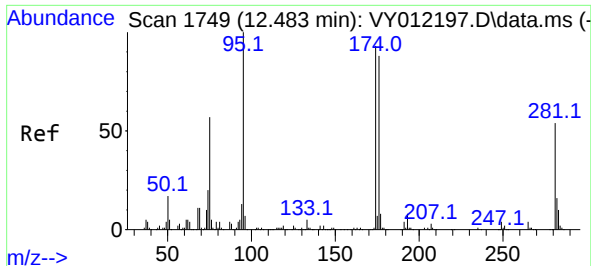


#50
Toluene-d8
Concen: 65.764 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012318.D
Acq: 23 Jan 2023 16:58

Tgt Ion: 98 Resp: 168578

Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

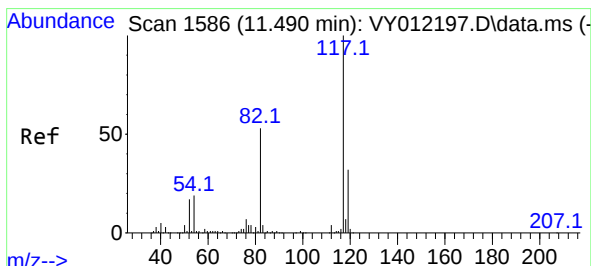
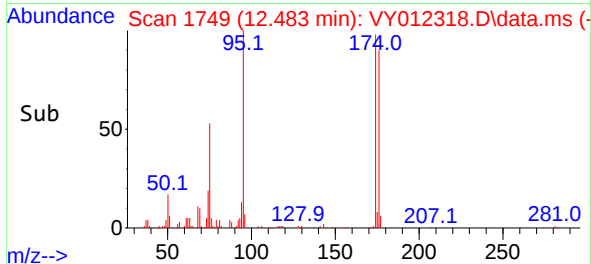
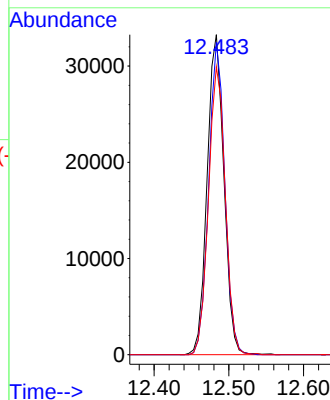
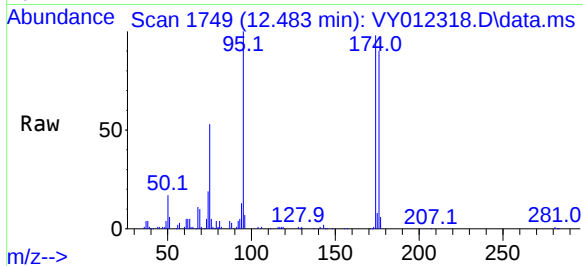




#62
4-Bromofluorobenzene
Concen: 48.577 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY012318.D
Acq: 23 Jan 2023 16:58

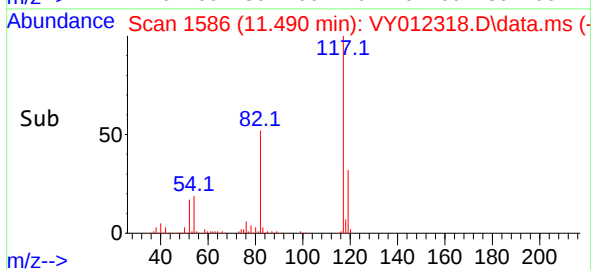
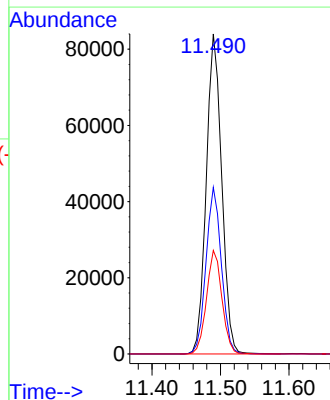
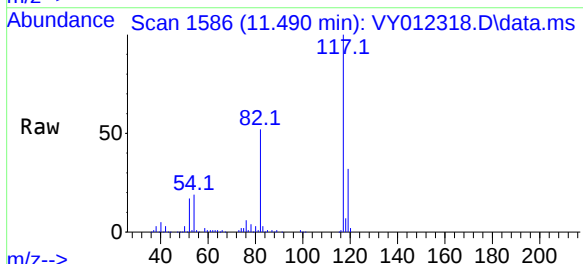
Instrument :
MSVOA_Y
ClientSampleId :
TOT-VOC-1

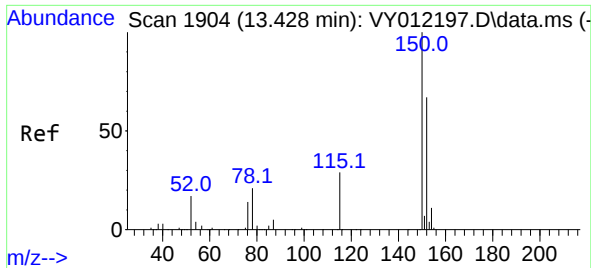
Tgt Ion: 95 Resp: 51737
Ion Ratio Lower Upper
95 100
174 94.0 0.0 172.0
176 90.3 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY012318.D
Acq: 23 Jan 2023 16:58

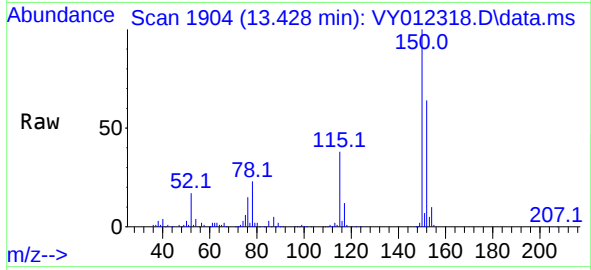
Tgt Ion: 117 Resp: 131828
Ion Ratio Lower Upper
117 100
82 52.0 44.8 67.2
119 32.3 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012318.D
 Acq: 23 Jan 2023 16:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOT-VOC-1



Tgt Ion:	152	Resp:	60904
Ion	Ratio	Lower	Upper
152	100		
115	57.2	29.1	87.3
150	157.0	0.0	342.6

